

PCR-/NAT *Pneumocystis jirovecii* (RV 560) Mai 2026



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.
Sample composition and expected results.

Proben Nr.	Erwartet / expected		Probenzusammensetzung / Sample composition
560 260519 01	Ø	62	<i>Escherichia coli</i> K12
560 260519 02	++	61	<i>Pneumocystis jirovecii</i> (~ 1x10 ⁴ organisms/mL)
560 260519 03	+++	61	<i>Pneumocystis jirovecii</i> (~ 1x10 ⁵ organisms/mL)
560 260519 04	Ø	62	<i>Escherichia coli</i> K12

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.
Absolute numbers of reported individual results.

<i>n</i> = 159		Proben Nr. (Sample no.)				Inhibition				
Befund Result		01	02	03	04		01	02	03	04
Positiv		0	158	158	1	n.d.	0	0	0	0
Negativ		159	1	1	158	nein no	159	159	159	159
Fraglich Questionable		0	0	0	0	ja yes	0	0	0	0

Tabelle 3: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwenden verschiedener Methoden.
Absolute numbers and relative frequency of reported true positive and true negative results among various NAT methods.

NAT-Methode [Code] (total number)	NAT richtig positiv True positive results				NAT richtig negativ True negative results			
	02		03		01		04	
	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
Ademtech MycoGENIE p.jirovecii (n = 2)	2	100	2	100	2	100	2	100
Altona RealStar P. jirovecii (n = 23)	23	100	23	100	23	100	23	100
Amplex eazyplex P jirovecii (n = 7)	7	100	7	100	7	100	7	100
AmpliGnost P. jirovecii (n = 5)	5	100	5	100	5	100	5	100
BioGX for BD MAX P. jirovecii (n = 14)	13	93	13	93	14	100	13	93
Biolegio READYMAX AP-1 (n = 1)	1	100	1	100	1	100	1	100
Bruker Fungiplex Pneumocystis PCR (n = 3)	3	100	3	100	3	100	3	100
CerTest VIASURE P. jirovecii Kit for BD MAX (n = 9)	9	100	9	100	9	100	9	100

Pneumocystis ELITe MGB Kit (n = 13)	13	100	13	100	13	100	13	100
PathoNostics PneumoGenius (n = 6)	6	100	6	100	6	100	6	100
Sacace P. jirovecii Real TM (n = 3)	3	100	3	100	3	100	3	100
TIB Molbiol LightMix P. jirovecii (n = 12)	12	100	12	100	12	100	12	100
r-Biopharm RIDAGENE P. jirovecii (n = 29)	29	100	29	100	29	100	29	100
In house PCR assay (n = 22)	22	100	22	100	22	100	22	100
Other commercial tests (n = 10)	10	100	10	100	10	100	10	100

Comments:

1. The following tests are listed under "Other commercial tests": AusDiagnostics Pneumonia 16-well (1x), Bio-Evolution Pneumocystis jirovecii PCR Kit (1x), eSens Pneumocystis jirovecii QL PCR kit (1x), Ingenetix MycoReal Kit Pneumocystis (1x), LabTurbo AIO Pneumocystis jirovecii DNA Testing Kit (1x) and MIKROGEN alphaCube P.jirovecii quant (1x).